

ABSTRACT OF THE DISCLOSURE

An apparatus for driving a compressor comprises a compressor having a compression mechanism part for sucking a fluid to compress the same, and an electric motor for driving the compression mechanism part, and an inverter device for driving the electric motor at variable speeds. The electric motor comprises a self-starting type electric motor having a rotor, which comprises a cage conductor and a polarized permanent magnet, and the inverter device comprises a plurality of semiconductor switches for controlling drive frequencies of the electric motor.